Recent Titles

Advances in Deformation Processing. Proceedings of the 21st Sagamore Army Materials Research Conference held in Raquette Lake, August 13-16, 1974. (Sagamore Army Materials Research Conference Proceedings; Volume 21) *Edited by John Burke & Volker Weiss.*
1978, Plenum Publishing Corporation, 227 West 17th St., New York, N.Y. 10011. 596 pages, bound. $49.50.

Basic Programming for Scientists and Engineers. *By Wilbert N. Hubin.*
1978, Prentice-Hall, Inc., Englewood Cliffs, New Jersey 07632. 198 pages, bound. $9.95.

Dictionary of Physical Metallurgy. English/German/French/Polish/Russian. *By Eugeniusz F. Tyrkiel.*
1977, Elsevier, P.O. Box 211, Amsterdam, The Netherlands and 52 Vanderbilt Ave., New York, N.Y. 10017. 402 pages, bound. $71.50.

Energy: Myths and Realities. Proceedings from the 1st Annual International Conference held November 8-9, 1977, in Washington, D.C.
1977, Energy Magazine, 20700, 9 Viaduct Road, Stamford, Connecticut 06906. 285 pages, paper. $55.00.

Environmental Law Handbook. 5th Edition. *By J. Gordon Arbuckle et al.*
1978, Government Institute, Inc., 4733 Bethesda Avenue, N.W., Washington, D.C. 20014. 560 pages, bound. $34.50.

German-English Science Dictionary. *By Louis DeVries & Leon Jacolev.*
1978, McGraw-Hill Book Company, 1221 Avenue of the Americas, New York, N.Y. 10020. 628 pages, bound. $14.50.

Industrial Quality Control. *By Harvey C. Charbonneau & Gordon L. Webster.*
1978, Prentice-Hall, Englewood Cliffs, New Jersey 07632. 276 pages, bound. $18.95.

Metrication for the Manager. *By John T. Benedict.*
1977, American National Metric Council, 1625 Massachusetts Ave. N.W., Washington, D.C. 20036. 48 pages, paper. $4.50.

Perspectives on Energy: Issues, Ideas, and Environmental Dilemmas. *Edited by Lon C. Ruedisili & Morris W. Firebaugh.*
1978, Oxford University Press, 200 Madison Avenue, New York, N.Y. 10016. 591 pages, bound. $15.95.

Probability and Statistics for Engineers. *By Robert E. Little.*
1978, Matrix Publishers, Inc., 30 NW 23rd Place, Portland, Oregon 97210. 540 pages, bound. Price not available.

Processing and Manufacturing in Space. Proceedings of a Symposium held in Frascati, Italy, March 25-27, 1974. *By European Space Research Organisation.*
(No Date) National Technical Information Services, 5285 Port Royal Road, Springfield, Virginia 22151. 342 pages, paper. $12.50.

Rail Steels—Developments, Processing, and Use. A Symposium held in Denver, Colorado, November 17-18, 1976. (ASTM Special Technical Publication 644) *Edited by D.H. Stone & G.G. Knupp.*
1978, American Society for Testing and Materials, 1916 Race St., Philadelphia, Pennsylvania 19103. 476 pages, bound. $45.00.

Statistical Methods for Engineers and Scientists: A Students' Course Book. *By A.C. Bajpai et al.*
1978, John Wiley & Sons, Inc., 605 Third Avenue, New York, N.Y. 10016. 444 pages, paper. $14.50.

Helpful Literature

(Cont. from pg. 35)

Box furnaces

New industrial utility box furnaces are described in literature now available from Lindberg, a unit of General Signal. The ultra-lightweight insulated utility box furnace is a faster performer, easier to use, and much more economical to operate than conventional brick-lined furnaces, according to the bulletin. The key feature is a low-thermal-mass insulation/heating element composite called Moldatherm®. Its use provides savings in weight, processing time, and electrical energy. The box furnace has double shell construction, process repeatability, rapid recovery, and large capacity. Included in the bulletin are chamber and external dimensions for the 13 furnace models available, along with their Kw ratings.
Lindberg **Circle 36**

Minimizing water stains on aluminum

A new pamphlet describes how proper shipping, handling, and storing practices can minimize water stains on aluminum. The 10-page publication explains how water staining can occur, discusses the incorrect practices that should be avoided, and lists ways to minimize or prevent the staining. A special feature of the pamphlet is a large wall poster that outlines steps to prevent water staining. The wall chart is suitable for display in shipping and receiving departments where aluminum is handled. Also included is a "Dew Point Calculator," which is a table showing when, and under what conditions, water will condense on metal and possibly cause stains. Suppliers of instruments for the measurement of temperature and relative humidity needed to calculate dew point are listed as a convenience.
Aluminum Association **Circle 40**

Zinc dust data sheets

New data sheets on four grades of St. Joe zinc dust have been published. The zinc dust grades covered include St. Joe 580 standard particle size, St. Joe 581 standard particle size with unslaked lime added, St. Joe 560 a superfine zinc dust, and St. Joe 530 with ultra-fine particle size. Each data sheet gives a brief, basic description, recommended uses, representative physical and chemical properties, a scanning electron photomicrograph, and a graph showing particle size distribution as measured on Micromeritics Sedigraph.
St. Joe Zinc Co. **Circle 41**

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1. Title of Publication: Journal of Metals.
2. Date of filing: September 29, 1978
3. Frequency of issue: Monthly
   A. No. of issues published annually: 12
   B. Annual subscription price: $24.00
4. Location of known office of publication: P.O. Box 430, 420 Commonwealth Dr., Warrendale, Pa. 15086.
5. Location of the headquarters or general offices of the publishers: P.O. Box 430, 420 Commonwealth Dr., Warrendale, Pa. 15086.
6. Publisher: The Metallurgical Society of AIME, P.O. Box 430, 420 Commonwealth Dr., Warrendale, Pa. 15086.
   Editor: John B. Ballance, P.O. Box 430, Warrendale, Pa., 15086.
   Managing Editor: Ronald W. Sommer, P.O. Box 430, Warrendale, Pa. 15086.
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